

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002213.D
 Acq On : 03 Apr 2020 12:36
 Operator : SY/MD
 Sample : L2110-01
 Misc : 7.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-040220

Quant Time: Apr 04 00:49:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	126813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	257147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	227617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	83297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82604	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.84%	
35) Dibromofluoromethane	7.74	113	76023	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	10.19	98	310451	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.49	95	98991	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	

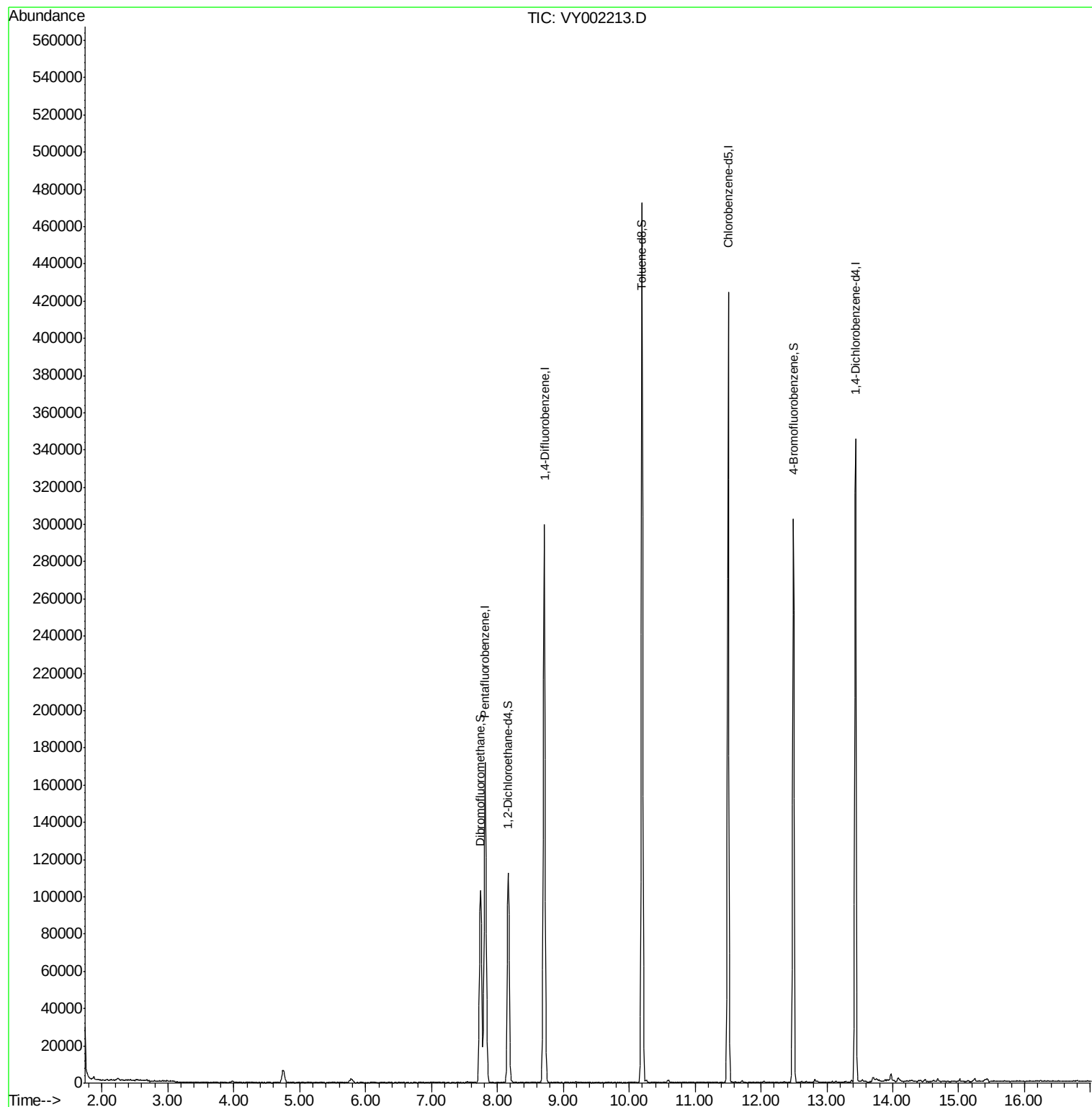
Target Compounds Qvalue

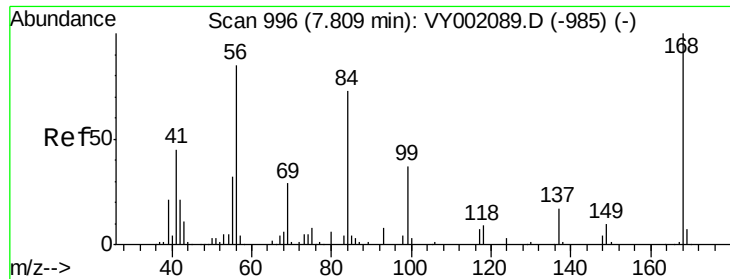
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002213.D

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MSVOA_Y

ClientSampleId :

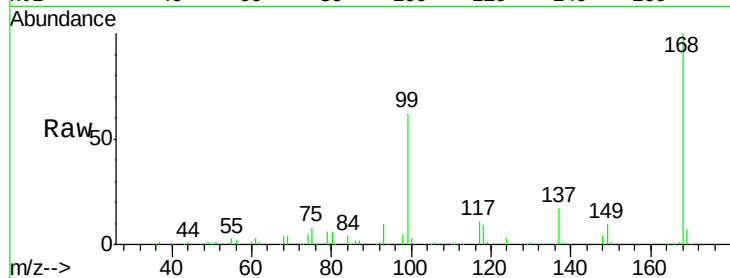
AU-05-040220

Tot Ion:168 Resp: 126813

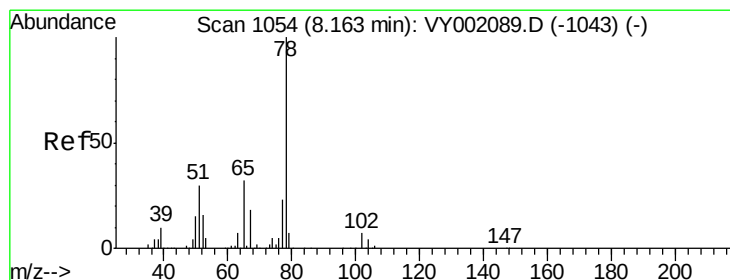
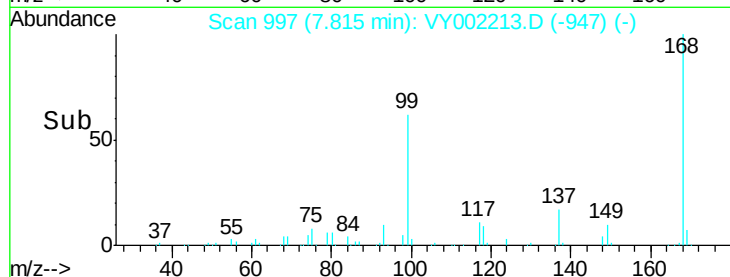
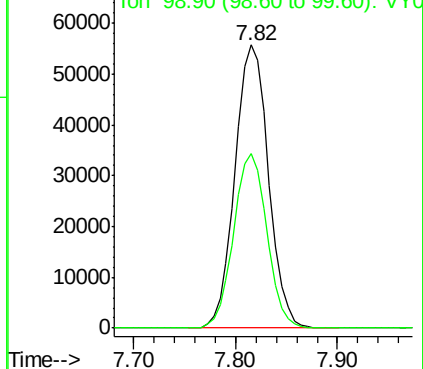
Ion Ratio Lower Upper

168 100

99 61.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002213.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.924 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002213.D

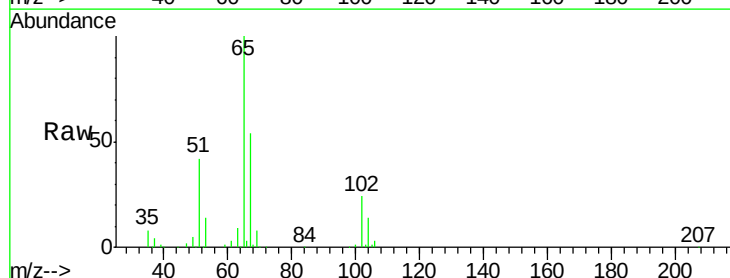
Acq: 03 Apr 2020 12:36

Tgt Ion: 65 Resp: 82604

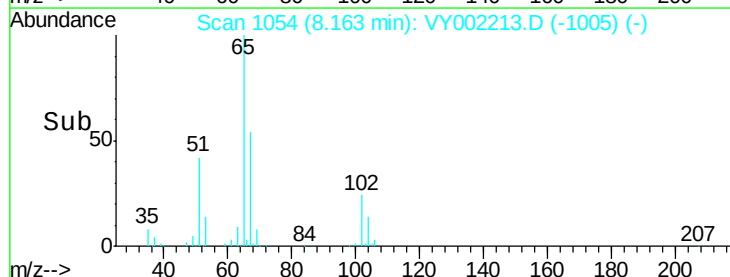
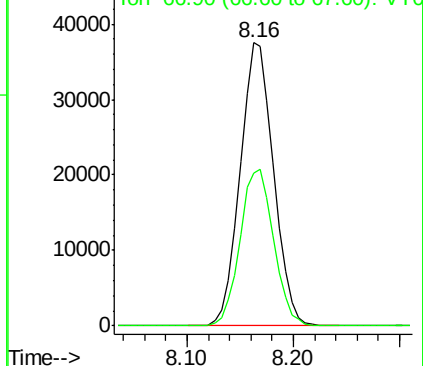
Ion Ratio Lower Upper

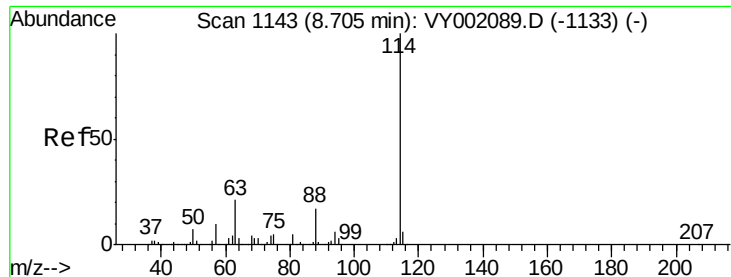
65 100

67 55.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002213.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-040220

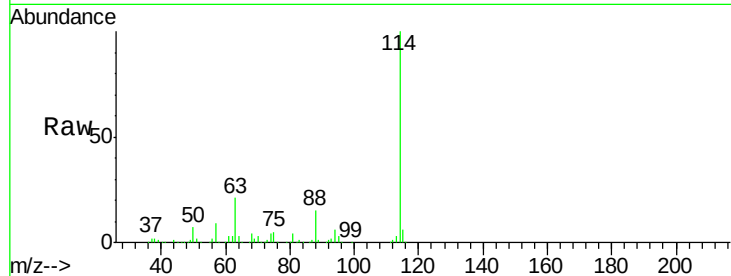
Tot Ion:114 Resp: 257147

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

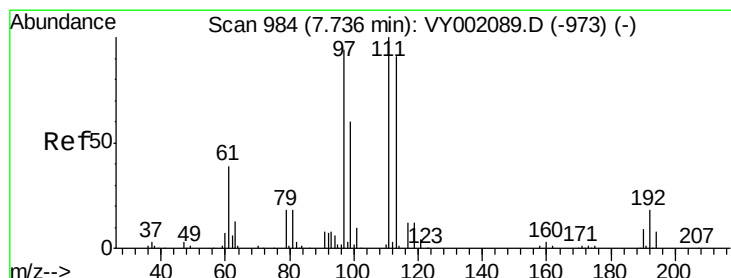
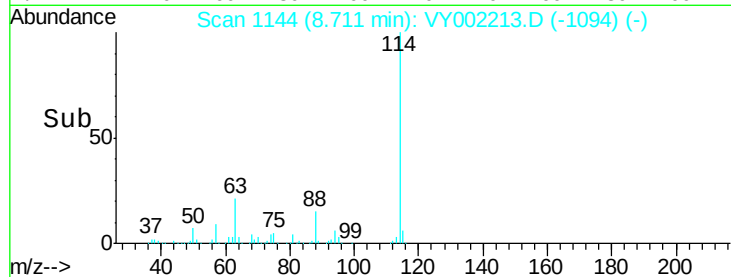
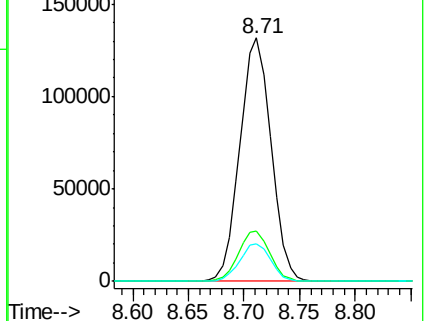
88 15.5 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.763 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

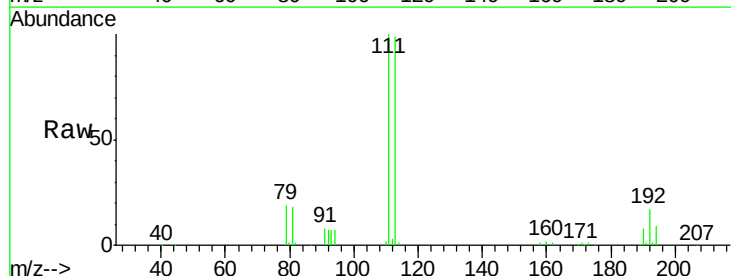
Tgt Ion:113 Resp: 76023

Ion Ratio Lower Upper

113 100

111 102.5 84.4 126.6

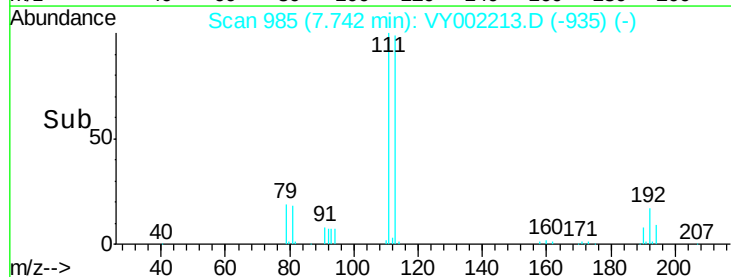
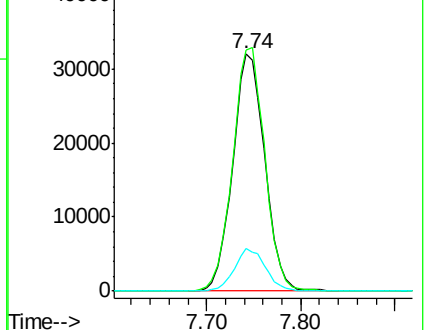
192 17.3 14.6 21.8

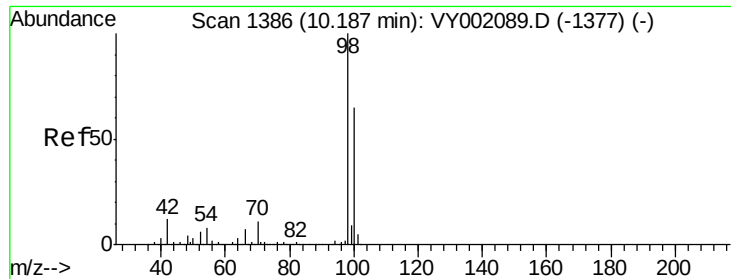


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.867 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

Instrument :

MSVOA_Y

ClientSampleId :

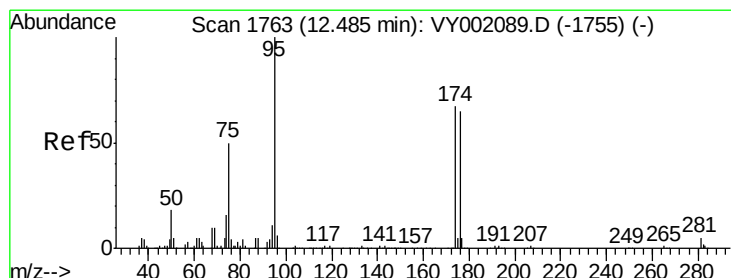
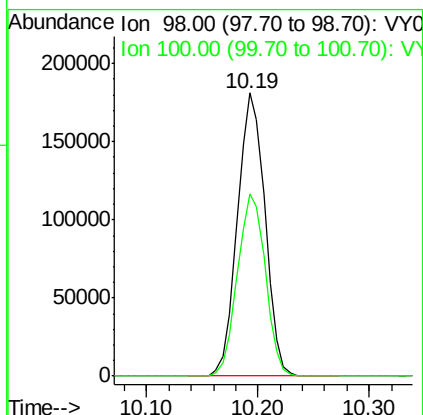
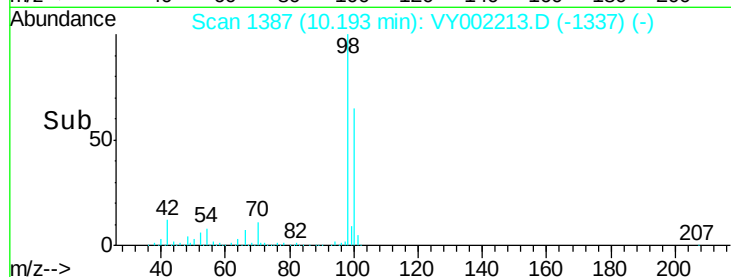
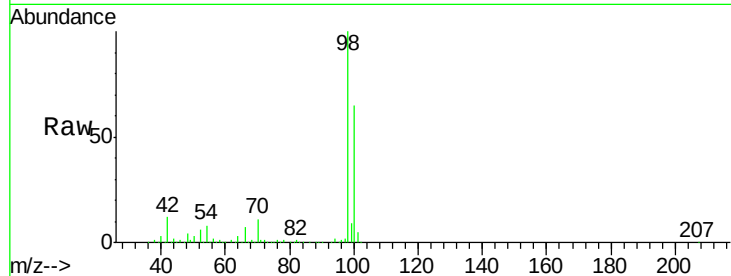
AU-05-040220

Tot Ion: 98 Resp: 310451

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.288 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002213.D

Acq: 03 Apr 2020 12:36

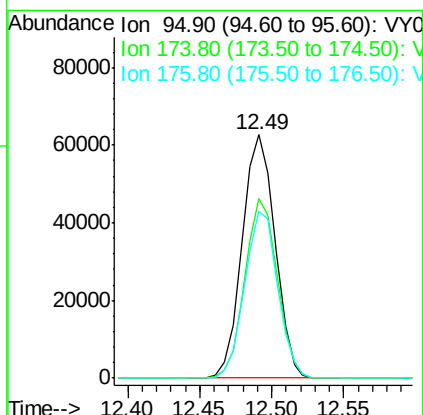
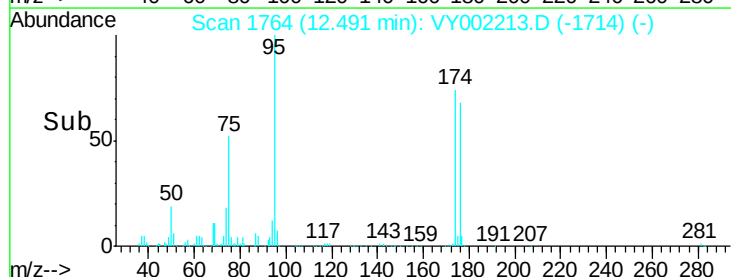
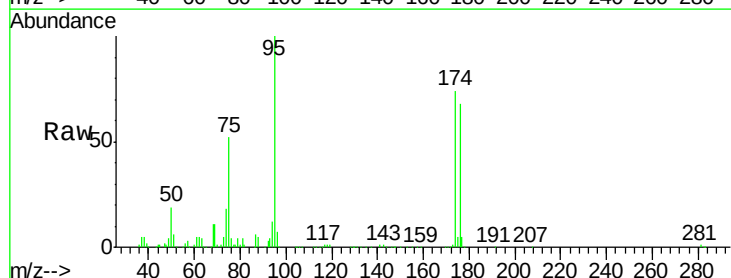
Tgt Ion: 95 Resp: 98991

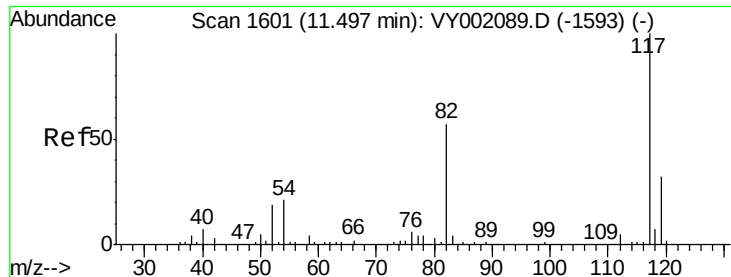
Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.4

176 68.6 0.0 137.0

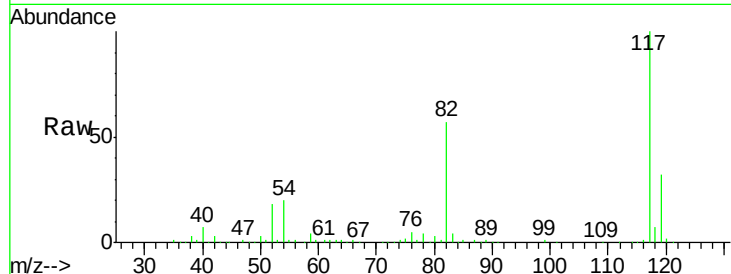




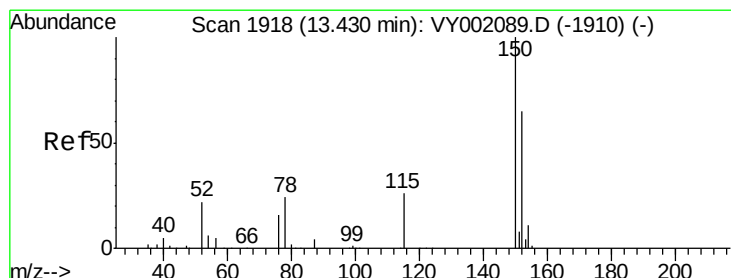
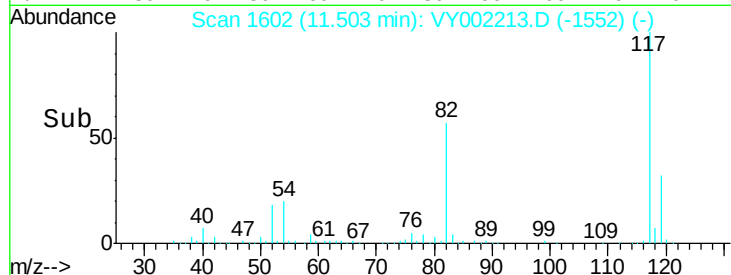
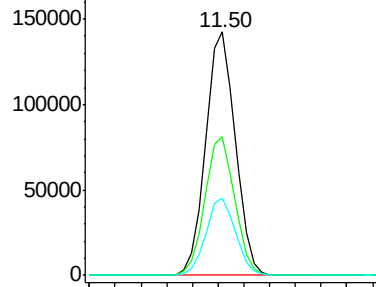
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

Instrument :
MSVOA_Y
ClientSampleId :
AU-05-040220

Tot Ion:117 Resp: 227617
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.6 25.3 37.9

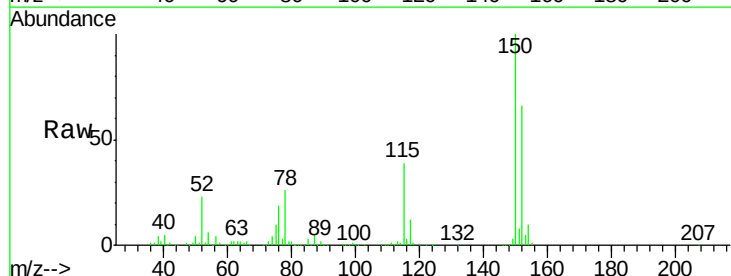


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002213.D
Acq: 03 Apr 2020 12:36

Tgt Ion:152 Resp: 83297
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 156.7 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

